

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:	Normark et al.	Confirmation No.:	4970
Appl. No.:	10/531,132	Art Unit:	2661
Filed:	April 13, 2005	Examiner:	T. GHEBRETSABE
For:	SPREAD SPECTRUM SIGNAL PROCESSING		

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

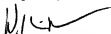
**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
CITATION UNDER 37 C.F.R. § 1.97**

Sir:

Attached is a list of documents on form PTO-1449 along with a copy of any cited foreign patent documents and non-patent literature documents in accordance with 37 CFR 1.98(a)(2).

It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By identifying the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead identifying the listed documents for the sake of full disclosure.

Respectfully submitted,



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known
 Application Number 10/531,132
 Filing Date April 13, 2005
 First Named Inventor Normark et al.
 Group Art Unit 2661
 Examiner Name T. Ghebretinsae
 Attorney Docket Number 047935/290272

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
	1	5,808,582	09-15-1998	Woo	
	2	6,512,803 - B2	01-28-2003	Heinzi et al.	
	3	2002/0027949 - A1	03-07-2002	Lernen	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached

OTHER DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	English Language Translation Attached
	4	BRAASCH, M. S., "GPS Receiver Architectures and Measurements," Proceedings of the IEEE, Vol. 87, No. 1, January 1999, p. 48-64	

Examiner Signature	Date Considered
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.